I

ACKD. BY

NANTWICH URBAN DISTRICT

1970

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TO WHICH IS APPENDED

The REPORT of The PUBLIC HEALTH INSPECTOR

NANTWICH URBAN DISTRICT

ANNUAL REPORT

upon the

HEALTH AND SANITARY CONDITION

of the

URBAN DISTRICT OF NANTWICH

for the Year 1970

D.G. CRAWSHAW, M.B., Ch.B., D.C.H., D.P.H.,

MEDICAL OFFICER OF HEALTH

J.P. MOULTON, M.R.S.H., M.A.P.H.I., C.S.I.B., M.R.I.P.H. & H.,

CHIEF PUBLIC HEALTH INSPECTOR

Health Department,
Brookfield House,
NANTWICH.

Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

https://archive.org/details/b2989931x

INDEX

	Number of Page
Adopted Acts	30
Blindness - Prevention of	12
Bugs - Eradication of	11 & 24
Canal Boats	23
Causes of Death	4 & 6
Closet Accommodation	10 & 25
Common Lodging Houses	23
Dairies & Cowsheds	19 & 20
Defects Noted & Remedied	17
Factories	13, 14 & 23
Food - Inspection and Supervision of	11, 26, 27 & 28
Food Premises	20, 26 & 27
Health Services of the Area	7
Housing (including Grants & Qualification Cert. etc.)	18 & 19
Infectious Diseases	11, 12 & 19
Laboratory Facilities	7
Licensed Premises	24
Liquid Egg Pasteurisation Plants	29
Milk Supply	19 & 20
Mortuary	7
Moveable Dwellings	11 & 23
Notices Served	17
Offensive Trades	23
Officers	7
Offices, Shops & Railway Premises Act 1963	11, 20, 21 & 22
Pail Closets	25
Pet Animals	26
Pigeons	24
Poultry Processing Premises	29
Public Baths	10
Public Cleansing	10
Rivers and Streams	10 & 26
Rodent Control	24 & 25
Sanitary Circumstances of the Area	11
Sanitation - General	26
Schools	23 & 29
Sewage Disposal	9
Shell Fish	11
Slaughter of Animals	25 & 26
Smoke Abatement	11 & 23
Statistics and Social Conditions	2, 3 & 5
Tuberculosis	12
Vermin	24
Visits - Public Health Inspectors	16
Water Supply	8, 9 & 23

Health Department,
Brookfield House,
NANTWICH.

June, 1971.

To The Chairman and Councillors
of the Nantwich Urban District Council.

I have the honour to present to you my report on the health of the Urban District for the year 1970.

Vital Statistics

During 1970, 3 infants died before reaching the age of 1 year and the infantile mortality rate of 18.0 per 1,000 live births is identical with the England and Wales figure. All 3 were male infants and died during the first 4 weeks of life. Deaths during this period are generally regarded as being less easily prevented. The total number of live births, 170, is a large increase on the low 1969 figure. The average for the last 10 years is 184. The live birth rate 14.4 per 1,000 population is low compared with the England and Wales figure of 16. The number of illegitimate births (7) is very low and gives an illegitimate live birth rate of 4% - less than half the England and Wales percentage.

The total number of deaths, 181, is the highest in the past decade. The average for this period being 155. The death rate of 14.9 is also high compared with the England and Wales figure of 11.7 per 1,000 resident population. The table on page 4 shows the causes.

Infectious Diseases

The table on page 11 gives details of the occurence of the common diseases. With the exception of Measles, the report is very satisfactory. I hope the vaccination scheme to prevent Measles, which suffered a set-back, will now be widely accepted; if it is, Measles could virtually disappear from our community.

Details of work carried out under the Factories Act 1961 and of other duties are included in the body of the report.

Yours faithfully,

D.G. Crawshaw,

Medical Officer of Health.

SECTION A.

Statistics and Social Conditions of the Area

Area: 1,173 acres. Estimated population at mid-1970 11,170. Number of inhabited houses (1.4.70) according to rate book: 3,716. Rateable Value (31.3.70): £432,232. Rates 1970/71 13/6 in the pound, plus Water Rate. Sum represented by penny rate (1970/71): £1,700.

Nantwich is an ancient town situated in the south-west corner of Cheshire and is a market town for a large and important agricultural area. The River Weaver and the Shropshire Union Canal pass through the district and in parts both form the boundary of the Urban area.

Industrial enterprise exists mainly in the form of clothing manufacture, agricultural machinery and a tannery. There is scope for the establishment of light industries, road and rail communications being very convenient; by rail the town is served by the main lines from Crewe to Shrewsbury and the West of England and good roads radiate from the town to all parts of Cheshire, Shropshire, the Potteries and North Wales.

Vital Statistics:

Live Births	Male	Female	Total
Legitimate	88	75	163
Illegitimate	5	2	7
Total	93	77	170

Live Birth Rate per 1,000 of the estimated population	14.4
Illegitimate Live Births per cent of Total Live Births	4%
England and Wales Rate per 1,000 Population	16.0

Still Births	Male	Female	Total
Legitimate	1	-	1
Illegitimate	-	-	-
Total	1	-	1

Rate per 1,000 Total Live and Still Births	6
Total Live and Still Births	171
England and Wales Rate Per 1,000 Total Births	13

Infant Deaths (under 1 year)	Male	Female	Total
Legitimate	3	-	3
Illegitimate	-	-	-
Total	3	-	3

Infant Mortality Rates

Total Infant Deaths per 1,000 Total Live Births	18
England and Wales per 1,000 Live Births	18
Legitimate Infant Deaths per 1,000 Legitimate Live Births	18
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	-

Neo Natal Mortality Rate (under 4 weeks)	Male	Female	Total
Legitimate	3	-	3
Illegitimate	-	-	-
Total	3	-	3

Deaths under 4 weeks per 1,000 Total Live Births	18
England and Wales per 1,000 Total Live Births	12

Early Neo Natal Mortality Rate (under 1 week)	Male	Female	Total
Legitimate	2	-	2
Illegitimate	-	-	-
Total	2	-	2

Deaths under 1 week per 1,000 Total Live Births	12
England and Wales per 1,000 Total Live Births	11

Perinatal Mortality Rate

Stillbirths and Deaths under 1 week combined per 1,000 Total Live and Stillbirths	18
England and Wales per 1,000 Total Births	23

Maternal Mortality (including Abortion)

Number of Deaths	-
Rate per 1,000 Total Live and Stillbirths	-

Deaths	Male	Female	Total
TOTAL (including inward transfers)	94	87	181

Death rate per 1,000 of the estimated resident population	14.9
England and Wales Rate per 1,000 Population	11.7

Deaths from all causes	Male	Female	Total
Malignant Neoplasm, Buccal Cavity etc.	-	1	1
Malignant Neoplasm, Oesophagus	-	2	2
Malignant Neoplasm, Stomach	3	5	8
Malignant Neoplasm, Intestine	3	2	5
Malignant Neoplasm, Lung, Bronchus	6	-	6
Malignant Neoplasm, Breast	-	2	2
Malignant Neoplasm, Uterus	-	1	1
Malignant Neoplasm, Prostate	2	-	2
Leukaemia	1	-	1
Other Malignant Neoplasms	4	2	6
Diabetes Mellitus	-	1	1
Other Endocrine etc. Diseases	-	1	1
Mental Disorders	2	2	4
Hypertensive Disease	3	-	3
Ischaemic Heart Disease	27	7	34
Other Forms of Heart Disease	5	13	18
Cerebrovascular Disease	11	16	27
Other Diseases of Circulatory System	2	3	5
Influenza	3	6	9
Pneumonia	10	9	19
Bronchitis and Emphysema	6	6	12
Asthma	-	2	2
Other Diseases of Respiratory System	-	1	1
Peptic Ulcer	-	1	1
Cirrhosis of Liver	1	-	1
Other Diseases of Digestive System	-	1	1
Congenital Anomalies	1	-	1
Birth Injury, Difficult Labour etc.	1	-	1
Other Causes of Perinatal Mortality	1	-	1
Symptoms and Ill Defined Conditions	-	1	1
Motor Vehicle Accidents	2	1	3
All Other Accidents	-	1	1
	94	87	181

COMPARISON OF BIRTHS AND DEATHS DURING THE LAST TEN YEARS

Year	Population	Live Births				Deaths			
		Male	Female	Total	Rate per 1,000 Population	Male	Female	Total	Rate per 1,000 Population
1970	11,170	93	77	170	14.4	94	87	181	14.9
1969	11,200	64	81	145	12.3	62	80	142	10.4
1968	11,180	97	81	178	15.12	73	86	159	11.94
1967	11,160	104	96	200	17.02	73	92	165	12.12
1966	11,140	100	99	199	16.97	75	80	155	12.10
1965	11,070	93	82	175	15.01	56	77	133	9.72
1964	10,980	111	98	209	18.08	63	65	128	9.91
1963	10,880	89	87	176	15.37	90	73	163	12.73
1962	10,790	108	99	207	18.41	85	85	170	14.49
1961	10,220	102	80	182	17.63	81	70	151	12.55

DEATHS FROM CANCER DURING LAST TEN YEARS

Year	Population	LUNGS				ALL FORMS			
		Male	Female	Total	Rate per 1,000 Population	Male	Female	Total	Rate per 1,000 Population
1970	11,170	6	-	6	.54	19	15	34	3.04
1969	11,200	6	1	7	.62	18	14	32	2.85
1968	11,180	3	1	4	.35	12	10	22	1.96
1967	11,160	4	-	4	.35	8	6	14	1.25
1966	11,140	6	1	7	.63	12	11	23	2.06
1965	11,070	2	1	3	.27	10	16	26	2.34
1964	10,980	-	-	-	-	7	10	17	1.55
1963	10,880	6	-	6	.55	18	11	29	2.67
1962	10,790	6	1	7	.65	12	9	21	1.95
1961	10,220	3	1	4	.39	8	11	19	1.85

SECTION B.

General Provision of Health Services in the Area

Health Department, Nantwich Urban District Council, Brookfield House, Nantwich.	Telephone No. Nantwich 64951/3.
County Divisional Medical Officer's Department, 21 Pillory Street, Nantwich.	Telephone No. Nantwich 65256.
Medical Officer of Health	R. Kenneth Hay, M.D., D.P.H. succeeded by *D.G. Crawshaw, M.B., Ch.B., D.C.H., D.P.H.
Chief Public Health Inspector and Meat and Food Inspector	J.P. Moulton, M.R.S.H., M.A.P.H.I., C.S.I.B., M.R.I.P.H. & H.
Additional Public Health Inspector and Meat and Food Inspector	G.A. Robinson, M.A.P.H.I., D.P.H.I.E.B., A.R.C.A.T.S.
Shorthand Typist and General Assistant	Miss S.J. Denning.
Engineer and Surveyor	R.F. Scaife, A.M.I.C.E., A.M.I.Mun.E.

*Jointly appointed as County Divisional Medical Officer and Medical Officer of Health to Crewe Borough, Nantwich Urban and Rural District Councils.

Laboratory Facilities

Pathological specimens are submitted to:-

Public Health Laboratories at Chester.

Water samples for chemical examination are sent to the County Analyst, Chester.

Milk, water and ice cream for bacteriological and biological examination are submitted to the Public Health Laboratory at Chester.

The Public Health Laboratory Service, directed by the Medical Research Council on behalf of the Ministry of Health, can meet all needs for bacteriological investigation.

The arrangement introduced with the Group Laboratory of the South Cheshire Hospital Management Committee for accepting for bacteriological investigation, specimens other than milk, water and ice cream, continues and the service given is much appreciated.

Mortuary

The arrangements with the South Cheshire Hospital Management Committee for the use of the Mortuary at the Barony Hospital have worked satisfactorily and continue to meet the needs of the district.

SECTION C.

Water Supply

Water is supplied by the Mid Cheshire Water Board on which the Council is represented. The source of supply is the River Dee at Llangollen from which water is pumped into the Llangollen canal along which it gravitates to the purification works at Hurleston. Branch mains distribute the water to service reservoirs in the area served by the Board.

The output from the works during 1970/71 was 8.3 million gallons per day and the average domestic consumption over the area served by the Board was 35.5 gallons per head per day. The quality of the water, as delivered to the consumer, is satisfactory as shown by the results of chemical and bacteriological examinations which were made at frequent intervals.

The population of the Urban District, numbering 11,170, is housed in 3,716 dwellings, all of which are supplied directly from the public water mains. There has been no contamination of the water supply calling for any special action and the water is not plumbo-solvent. No natural fluoride exists in the water.

The following is a summary of results of samples dealt with by the Water Board for bacteriological examination during the year, and for which copies of reports have been received.

No. of Samples taken	Source	Probable number per 100 ml					
		Coliform Bacilli			B. Coli		
		Absent	Present	Range	Absent	Present	Range
6	Consumer taps treated	6	-	-	6	-	-
	Hurleston Works						
52	Raw	-	52	8-1220	1	51	4-560
27	(Settled Filtered & Final)	27	-	-	27	-	-
85	TOTAL	33	52	8-1220	34	51	4-560

The Engineer and Manager of the Water Board has kindly supplied the following statement in connection with chemical analysis.

	1.	2.
Source	River Dee	
Sampled at	Hurleston Works	
Date taken	6.1.70.	29.10.70.
Chemical Examination		
Appearance	Clear	Clear
Taste/Odour	None	None
Colour ^{o}Hazen	Less than 5	Less than 5
Turbidity	-	-
pH	7.9	8.6
Electrical Conductivity. umhos	308	130
Suspended Solids	-	-
Total Dissolved Solids	264	-
Total Hardness ($CaCO_3$)	168	68
Temporary Hardness ($CaCO_3$)	84	44
Chloride (Cl)	35	19.5
Sulphate (SO_4)	-	57.6
Permanganate Value (4 hrs)	1.5	1.01
Ammoniacal Nitrogen (N)	nil	negligible
Albuminoid Nitrogen (N)	0.128	negligible
Nitrate (N)	4.4	negligible
Nitrite (N)	not detected	not detected
Iron (Fe)		
Manganese (Mn)		
Aluminium (Al)	0.045	less than 0.1
Residual Chlorine. (Cl_2)	0.2	0.2

(results in mg/l except where stated otherwise).

At the time of preparation of the Report in 1971, the Engineer and Surveyor has kindly supplied the following information.

Sewage Disposal

The town sewerage scheme was completed during 1970 and is now fully operative. The effluent from the sewage treatment works is well within the 30:20 standard laid down and the River Authority has expressed its gratification at the appreciable improvement in the quality of the effluent which has been achieved. The drying and disposal of sludge is producing some problems and is expensive in labour; as a result investigations into the mechanisation of this particular section of the operations are being carried out. The new storm water overflow manholes on the main sewers are producing much better conditions at storm times with very greatly reduced and diluted discharges to the river.

Public Cleansing

The collection and disposal of house refuse and trade refuse is controlled by the Surveyor as is also street cleansing.

An extension of the trial sack refuse scheme has been undertaken and at present one full days round is on the sack system. Polythene sacks are now being used as bin liners as opposed to the original method of providing special sack holders. The holders did not prove to be entirely successful due to animals and/or children being able to tear the sacks which were not completely protected. At present the new trials appear to be proceeding satisfactorily and all occupiers affected are being circularised to obtain their views on the merits and de-merits of the scheme. The new "Shark" refuse collection vehicle, which is to replace the two existing machines, is overdue and it is not anticipated that its delivery will take place before the end of May 1971. It is intended to retain the newer and smaller of the two existing vehicles to act as standby but also to fill an urgent need for a vehicle suitable for the transport of sludge from the treatment works.

Arrangements made with the Rural District Council to empty the remaining pail closets, dealt with by the local authority at an agreed cost, worked satisfactorily.

Public Baths

The Open Air Swimming Pool, owned and controlled by the Council, is open from May to September each year. The pool is 100 feet by 50 feet and is supplied with brine from the Council's brine well at the rear of the Old Town Hall. About 9 ounces of brine is added per gallon of water. The pool is now heated and the water is filtered and sterilised by the "Breakpoint" chlorination process and fed to the pool through a cascade. There is an active Swimming Club in the town and arrangements operate with the County Education Authority for organised visits by school children.

At the time of preparation of the report it has been necessary to carry out a complete overhaul of the chlorinating plant and to replace the scum trough around the baths; a new diving board is to replace the old one which is now beyond repair. The Council is also providing an increased spectator and sun bathing area by the demolition of the brick wall at the northern end of the baths and the enclosure, by fencing, of an additional 1,000 sq. yds. of land. Within this area will be provided a paddling pool and sand pit for children and seating for adults. The existing timber built cafe and store is to be removed and replaced with a glazed screen (roofed over) to provide a view down to the river. A new cafe unit will be incorporated in this structure.

Rivers and Streams Pollution

Responsibility for this work was transferred to the Cheshire Rivers Board as from 1st October, 1951, and this body is now incorporated in the Mersey and Weaver Rivers Authority.

Closet Accommodation

All premises in the district are served by water closets with the exception of those of which the Public Health Inspector gives details in his report under the heading "Pail Closets".

Sanitary Circumstances in the Area

Shops and Offices

Moveable Dwellings and Camping Sites

Eradication of Bugs

Smoke Abatement

These matters are dealt with by the Public Health Inspector in his Report.

Shell Fish

There are no shell fish beds or layings in the district.

SECTION D.

Inspection and Supervision of Food, Milk Supply, Meat and Other Foods.

These matters are fully covered in the Public Health Inspector's Report.

SECTION E.

Prevalence of and Control over Infectious Diseases.

The following is a summary of cases notified in the past ten years.

Disease	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Scarlet Fever	2	1	-	3	1	4	14	2	6	1
Whooping Cough	15	5	-	8	-	29	13	1	6	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Measles	244	85	51	144	23	179	11	82	4	104
Poliomyelitis	-	-	-	-	-	-	-	-	-	-
Pneumonia	1	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	4	3	3	3	-	2	3	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-
Meningoccocal Inf.	1	-	-	1	-	-	-	-	-	-
Dysentery	2	-	-	-	2	-	-	-	-	-

The following notifications of infectious diseases were received during the year.

Disease	Age Groups									
	Under 1	1	2	3	4	5-9	10-14	15-24	25+	TOTAL
Scarlet Fever	-	-	-	-	-	-	1	-	-	1
Measles	2	12	10	12	18	47	1	1	1	104
TOTALS	2	12	10	12	18	47	2	1	1	105

Prevention of Blindness

There was no special action by the Local Authority during the year.

Tuberculosis

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925 - tuberculous persons in milk trade - or section 172 of the Public Health Act, 1936 - compulsory removal to sanatorium.

There were no new cases of Tuberculosis notified during the year, but there was one Inward case.

The following statistics, supplied by the County Divisional Health Office, show the state of the register for the Urban area.

	Respiratory		Non-Respiratory		TOTAL	
	M.	F.	M.	F.	M.	F.
Cases on register at 1st January, 1970.	12	6	-	-	12	6
Cases notified during the year (including Inward Transfers)	-	1	-	-	-	1
Cases removed during the year - died & removed from the district etc.	-	1	-	-	-	1
Cases on register at 31st December, 1970.	12	6	-	-	12	6

SECTION F.

Factories Act, 1961, Part of the Act (a) Inspections for purposes of provisions as to Health (including inspections made by Public Health Inspector).

	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
i. Factories in which sections 1,2,3,4, & 6 are to be enforced by Local Authorities.	3	-	-	-
ii. Factories not included in (i) in which section 7 is enforced by the Local Authority.	61 +5 farms	16	-	-
iii. Other premises in which section 7 is enforced by the Local Authority+ (excluding out-workers' premises).	13*	14	-	-
TOTAL	82	30	-	-

+i.e. Electrical stations (section 103(1)), institutions (section 104) and sites of building operations and works of engineering constructions, (sections 107 and 108).

*The Slaughterhouse included in this total subject to frequent visits of inspection each week.

(b) Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			to H.M. Inspector	by H.M. Inspector	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences a. insufficient	-	-	-	-	-
b. unsuitable or def.	3	3	-	1	-
c. not separate for sexes (S.7)	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	1	1	1	-	-
TOTAL	4	4	1	1	-

Part V111 of the Act.
Outwork. Sections 110 and 111.

Nature of work	Number of outworkers in August list required by section 110 (1) (c)	Number of cases of default in sending lists to the Council	Number of prosecutions for failure to supply lists	Number of instances of work in unwholesome premises	Notices served	Prose-cutions
Wearing apparel making etc.	4	-	-	-	-	-

Health Department,

Brookfield House,

NANTWICH.

June, 1971.

To The Chairman and Members of the
Nantwich Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have pleasure in submitting for your consideration, the report upon the work of this Department during the year 1970.

In the housing field, the survey of the older property in the town was continued. There has been a steadily increasing interest in the modernisation and renovation of such property with the aid of the improved grants and this trend is continuing.

Towards the end of the year a Clearance Area was declared in Cowfields involving 36 houses for eventual redevelopment with an old peoples' flatlets scheme and housing.

The development of flats on the Barony site was commenced during the year and plans are well in hand for the Cronkinson Oak site by which time it is hoped that applicants on the housing register and families from substandard property will have been largely dealt with.

In conclusion, I wish to record appreciation of continued co-operation and support by Councillors, fellow officials and my own staff.

Yours faithfully,

J.P. Moulton

Chief Public Health Inspector.

NUMBER AND NATURE OF VISITS

Appointment - Owner	9
- Contractor	3
Dairies	1
Disinfestations	78
Drainage	73
Dustbins	140
Dwellinghouses - Housing Act	155
- Public Health Act	22
Factories - Mechanical	14
- Building Sites	14
- Farms	2
Food Inspections	31
Food Premises - General	109
Housing - General	122
- Improvement Grants	190
- Application Enquiries	2
Infectious Disease - Inquiry	12
Interviews - Office	5
Keeping of Animals	2
Licensed Premises	54
Milk - Registration of Distributors	2
Miscellaneous	506
Offensive Accumulations	3
Offices	35
Pail Closets	1
Pet Animals	4
Places of Entertainment	4
Re-inspections - Public Health Act	118
- Housing Act	1
Rodent Control	452
Rivers, Ditches and Watercourses	4
Schools	3
Shops	107
Slaughterhouses and Meat Inspections	349
Smoke Observation	15
Tips	29
Yards and Passages	2
TOTAL	2,673

Complaints received	192

NOTICES SERVED

	Served	*Complied
Public Health Act, 1936		
Informal - General Matters	21	22
- re Dustbins	12	12
Formal	1	-
Factories Act, 1937		
Informal	1	1
Prevention of Damage by Pests Act, 1949		
Informal	2	2
Offices, Shops and Railway Premises Act, 1963		
Informal	24	13
Food and Drugs Act, 1955		
Informal	7	3

*Compliances include notices served in previous years.

Of the notices outstanding at the year end the majority are in hand by Contractors, and in many cases, the notices are partly complied with. The variety of items dealt with in notices has been maintained and includes, dampness, defective plasterwork, floors, window frames, roofs, yard paving, water closet fittings, dustbins, water pipes, drains, guttering, downspouts etc.

Municipal Bin Scheme

Bins supplied under scheme - Annual Charges .... New cases 82) 133
Replacements 51)

There were 1,125 bins on issue under the Scheme at the end of the year, for which an annual charge of 5/- is made.

HOUSING

There were 9 sites where private building was either in progress or where it was planned. 87 houses were completed, 1 of these being on an odd building plot. The total of post-war Council houses and flats 942, including 20 temporary houses, have been added to the 278 pre-war stock of houses up to the end of 1970. 1 unfit houses was vacated by informal action and 4 vacant houses were demolished.

The use of Mill House for the provision of bedsitting accommodation for elderly ladies was continued until the latter end of the year, when rehousing took place in order that demolition could be effected and eventual replacement by flatlets linked to the Millfields County Home on the adjoining site.

Standard Improvement Grants:

Applications - received and approved	14
- approved from 1969	-
Number of houses where improvements were carried out during the year	16
Total cost of improvement works carried out during the year	£3,449. 17. 3.
Total amount of grants made during the year	£1,679. 8. 6.

Amenities provided:

Baths	8
Indoor W.C's	16
Washbasins	10
Sinks	3
Hot and cold water supply at:	
Baths	9
Washbasins	10
Sinks	6
Food Stories	2

Improvement Grants:

Applications - received	4
- approved during year	3
Estimated total cost of works	£7,558.57
Total cost of Improvements	£4,297.87
Total cost of grant aided repairs	£1,464.00
Total cost of other works	£1,796.70
Total grant for 3 applications	£1,428.44

Improvement grants are given where more extensive works are being carried out as distinct from the provision of lacking basic amenities. One of the applications approved was for the complete restoration of the near derelict listed properties Nos. 112 - 116 Welsh Row to form one dwelling.

There were no applications for Qualification Certificates under the Housing Act 1969 during the year.

Work on the housing survey of the older type property in the town has continued steadily. From this it is hoped to gain an accurate picture of the extent of unfit property and that which is capable of modernisation with the aid of Standard and Improvement grants, and in fact, interest has been aroused in this direction as a result of survey work.

Towards the end of the year, a Clearance Area was declared in Cowfields involving thirty six dwellings and negotiations have been proceeding with the owners concerned for purchase of the property by the Council. It is intended that eventual redevelopment of the site will include an old peoples' flatlet scheme under warden control.

Provision of additional Council accommodation on a site at the Barony was commenced towards the end of the year and plans were proceeding for housing development at Cronkinson Oak.

INFECTIOUS DISEASES

Cases of "notifiable" diseases are visited where necessary as soon as possible after notification.

The number of cases of diseases notified during the year were 1 Scarlet Fever and 104 Measles. Persons suffering from Scarlet Fever are visited and advice given.

There were no cases of Tuberculosis notified during the year, but there was one Inward case.

DAIRIES, COWSHEDS AND MILK SAMPLES

The responsibility for administration and control of milk production and licensing of producers of designated milk lies with the Ministry of Agriculture and Fisheries, and the County Council is responsible for control and licensing of pasteurising and sterilising plants and licensing of dealers. This leaves the District Councils with only the registration and control of distributors of milk.

The County Health Department frequently samples milk at pasteurising and sterilising depots and from dealers in the area. The following samples were taken in 1970:-

Sterilised	2	Pasteurised C.I.	4
Untreated C.I.	10	T.T. Pasteurised	109
Untreated T.T.	8		

The results were satisfactory in all cases with the exception of 5 samples of Pasteurised T.T., 2 Untreated T.T. and 1 Pasteurised C.I. Four samples of Pasteurised T.T. were void.

Milk Supplies - Brucella Abortus

	Total Submitted	Number Brucella Positive
Bulk Samples	-	-
Dealer Samples (Herd Samples)	9	-
Individual Cow Samples	-	-
TOTAL	9	-

There was one dairy herd in the district from which milk was sold raw to the public.

There were, at the end of the year, 23 distributors of milk on the register. The following licences, issued by the County Council, were in force during the year.

Dealers' Licences to use designation "Sterilised"	21
Dealers' Licences to use designation "Ultra heat treated"	15
Dealers' Licences to use designation "Pasteurised"	21
Dealers' Licences to use designation "Untreated"	9

BAKEHOUSES

There are three bakehouses on the register and these are visited periodically under the Food and Drugs Act and Factories Act.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

A reinspection of registered premises under the Act was commenced and on the whole conditions were found to be satisfactory, with the exception of minor infringements like misplaced copies of Abstracts which should be on display at the premises. Co-operation between departments when plans are submitted has resulted in premises complying with the requirements of the Act from the commencement of business.

REPORTED ACCIDENTS

Workplace	Number Reported		Total No. Investigated	Action Recommended			
	Fatal	Non Fatal		Prosecution	Formal Warning	Informal Advice	No Action
Offices	-	1	1	-	-	-	1
Retail shops	-	3	3	-	-	-	3
Wholesale shops Warehouses	-	-	-	-	-	-	-
Catering establishments open to public, canteens	-	-	-	-	-	-	-
Fuel storage depots	-	-	-	-	-	-	-
TOTALS	-	4	4	-	-	-	4

Analysis of reported accidents

	Offices	Retail Shops	Wholesale Warehouses	Catering establishments open to public, canteens	Fuel storage depots
Machinery		1			
Transport					
Falls of persons					
Stepping on or striking against object or person					
Handling goods	1				
Struck by falling object					
Fires and explosions					
Electricity					
Use of hand tools		1			
Not otherwise specified		1			

Registrations & General Inspections

Class of premises	Premises registered during the year	Total registered premises at end of year	Premises receiving initial inspection during the year
Offices	1	56	20
Shops (Retail)	8	113	32
Wholesale Shops and Warehouses	1	3	1
Catering establishments	1	18	13
Fuel Storage depots	-	-	-
Totals	11	190	66

Visits to registered premises - Under O.S.R.P. Act 66

- Under Other Acts 246

Persons employed in registered premises or workplace

Class	Number employed		
	Male	Female	Total
Offices	221	251	472
Shops (Retail)	130	349	479
Wholesale departments and warehouses	10	4	14
Catering establishments	16	91	107
TOTALS	377	695	1072

Exemptions

There were no applications for exemption concerning space, temperature, sanitary conveniences and washing facilities.

Prosecutions

There were no legal proceedings during the year.

General

There were 66 general and revisit inspections made during the year at premises covered by the Act.

Summary of contraventions noted

	CONTRAVENTIONS 1970			COMPLIED 1970		
	Offices	Shops	Catering	Offices	Shops	Catering
No hot water	1	1	-	1	-	-
No separate washing facilities	1	-	-	-	-	-
No lighting W.C. compartment	1	-	-	1	-	-
Disrepair W.C. compartment	1	-	-	1	-	-
W.C. insufficient	1	-	-	-	-	-
Signs on toilets	2	-	-	1	-	-
Redecoration	1	-	-	1	-	-
Abstract	4	9	1	4	8	1
First Aid box insufficient	1	1	1	1	1	-
No thermometer	2	5	1	2	4	1
First Aid box lacking	-	2	-	-	1	-
Defective floor	-	1	-	-	-	-
Machine Guarding	-	1	-	-	1	-
Totals	15	20	3	12	15	2

FACTORIES

Routine visits to factories, farms and building sites were carried out. In the case of one school building site, complaints were received from workmen concerning unsatisfactory toilet accommodation, but this matter was remedied after communication with the firm concerned. Two firms submitted returns of "outworkers" which contained details of 4 persons engaged in the finishing of clothing. There are 61 factories in which power is used, 5 farms and 3 in which work is done manually. "Factories" at building sites numbered 12.

WATER SUPPLY

Samples are submitted for bacteriological and chemical examination by the Water Board and these have been satisfactory. A detailed summary of such samples is contained in the Medical Officer of Health's Report.

MOVEABLE DWELLINGS

Two trailer caravans and a temporary building are licensed on one site as a dwelling. No nuisance has arisen from the use of these structures.

OFFENSIVE TRADES

There has been no complaint or cause for action during the year. The premises have been visited periodically during the year to ensure that they are free from rodents.

COMMON LODGING HOUSES

There are no premises of this character in the district.

CANAL BOATS

No complaints were received and no inspections were made during the year.

SMOKE ABATEMENT

Building Regulations require that in new buildings provision is made for the fire openings to be such as to receive appliances capable of burning smokeless fuel. Several complaints were received during the year regarding smoke emissions from the Tannery, on some occasions probably due to the fuel and on others to faulty combustion. In this connection the management consulted with the National Coal Board and the chimney was examined by specialists, following which, small modifications were carried out. Towards the end of the year, the management were collecting information on all alternative means of heating the boilers and it is hoped that during 1971 there will be a definite improvement in the position and no cause for complaint.

SCHOOLS

No complaints were received as to the general condition of schools. Treatment was necessary at five premises to deal with minor infestation by rodents.

LICENSED PREMISES

The department co-operates with the Licensing Magistrates by submission of a report upon sanitary requirements annually at the time of licensing. There are thirty-four Licensed Premises, including four Clubs and the Civic Hall, in the district. On the whole the sanitary accommodation is satisfactory. Minor improvements are continually being carried out. The premises are conducted in a clean manner by licencees and there has been no occasion to complain in that respect.

VERMIN

In several instances advice was given to occupiers to deal with minor infestations with ants and other vermin. Treatment was carried out to deal with ants in 19 instances, cockroaches 2, wasps 10, beetles 6, silver fish 2 and mites 3. There has been no report or evidence of bugs during the year, but suitable insecticides are kept available if the need for treatment should arise.

PIGEONS

Complaints were received regarding nuisance caused by pigeons such as fouling of pavements, gutters and buildings. Inspections were made in the centre of the town along with a representative from a Servicing Company which eventually carried out a narcotising treatment in a disused building at the rear of one of the licensed premises, when 40 - 50 pigeons were destroyed. At the same time, prebaiting was carried out at the Mill in the hope that a narcotic treatment could be carried out there, but prebaiting was not successful. In consultation with the Divisional Pests Officer of the Ministry of Agriculture, Fisheries and Food, it was decided to construct a pigeon trap which we could site at various premises in the town centre. This has been done and results have proved satisfactory.

RODENT CONTROL

The Council tip and sewage works are regularly inspected and treated when necessary. Warfarin poison in an oatmeal base and Alphakil have been very successfully used. Apart from special visits to premises, conditions are observed in the course of visits for other purposes, such as food inspection, factories, shops etc.

Occupiers of infested premises have the opportunity of themselves dealing with rats and mice or alternatively have the service provided by the Local Authority; advice upon private treatments is frequently given. In all cases, including private dwellings, the costs incurred, plus an establishment charge, are recovered; no fixed contract charges are entertained.

There was no occasion to serve formal notice during the year.

Private annual treatment agreements in force ... 22

Nature of Infestations

	Rats	Mice	Rats and Mice	TOTAL
Local Authority properties (including sewers and tips)	7	7	-	14
Business Premises	9	23	1	33
Dwellings (including Council houses)	27	20	1	48
Agricultural Properties	-	-	-	-
TOTAL	43	50	2	95

Premises treated by Nantwich Urban District Council during the year -

- Council properties	12)	
- Council tips	2)	
- Sewerage system	-)	80.
- Business premises	29)	
- Dwellings	37)	

Visits by operative to premises to survey and treatment 225

Visits by Officer to premises in survey, supervision and treatment .. 322

Premises treated privately 15

The Council continued to be represented on the Area Committee which meets to discuss current problems from time to time covering vermin control.

SLAUGHTER OF ANIMALS ACT 1933/54

There were nine Slaughtermen's Licences in force during the year.

PAIL CLOSETS

The following is the position at the end of 1970 concerning pail closets in use:-

Beyond reach of sewer - extension impracticable	2)	3.
Suitable for substitution of water closet	1)	
Total known to exist at beginning of 1970	3	
Closets abolished during the year	-	
Total known to exist at the end of 1970	3	

Of those in use the Local Authority carry out weekly collection from one. Arrangements have operated satisfactorily with the Rural District Council to empty the closet at an agreed charge. Where not collected by the Local Authority the contents of pails is disposed of in gardens.

PET ANIMALS ACT 1951

During the year three applications were received from persons wishing to renew licences for use of their premises as Pet Shops under the above Act and these were granted.

GENERAL SANITATION

Under the Municipal Bin Scheme, 133 bins were supplied in connection with which the annual charge of 5/- each is made, 51 of these being replacements. A tipping site has been used in the adjoining Rural area since 1961 and there is now no refuse disposal tip in use in the Urban area. The use of the tipping site at Edleston was continued during the year. Information regarding the use of polythene sacks for refuse collection is given in the Medical Officer of Health's Report under the heading "Public Cleansing".

RIVER POLLUTION

The Rivers Authority is responsible for work in the prevention and abatement of pollution of rivers.

FOOD AND DRUGS ACT 1955

One private slaughterhouse was licensed and is used only by the owner/occupier. The remaining butchers have obtained supplies "off the hook" from premises in the Rural area. Waste and condemned material is removed from the slaughterhouse at regular and frequent intervals by a private contractor. The standard of meat quality has been satisfactory.

In the slaughterhouse there were miscellaneous items of offal such as livers, lungs, mesenteries with localised affection with parasitic conditions. No cases of Cysticercus Bovis were found. There were no horses slaughtered for human consumption during the year.

The following animals were slaughtered and examined in the slaughterhouse.

	Cattle	Calves	Pigs	Sheep
Inspected	283	2	465	1334
Affected with Tuberculosis in carcase or organs	-	-	5 (1.07%)	-
Affected with other diseases or parasites in carcases or organs	34 (12.0%)	-	13 (2.79%)	84 (6.2%)

Total inspected: 2,084

Affected with other diseases or parasites in organs: 131 (6.2%)

Affected with T.B. in carcase or organs: 5 (.23%)

In accordance with the scale of charges laid down by the Meat Inspection Regulations, 1963, for the inspection of animals, the sum of £86 4s. 9d. was recovered from the occupier of the slaughterhouse.

The following is a summary of food premises in the district showing the general standard of conformity with certain statutory requirements. It will be appreciated that accurate classification of the type of premises is in some instances rather difficult i.e. where there are mixed commodities such as newsagent, confectionery and wrapped foods. In such cases the major commodity has determined classification.

Type & number of premises		Number of Premises		
		Fitted to comply with Reg. 16 (washbasins H & C water)	To which Reg. 19 applies (Sinks H&C water)	Fitted to comply with Reg. 19
Grocers & General mixed	25	25	25	25
Bakers, Confectioners	6	6	6	6
Butchers	12	12	12	12
Bakehouses	3	3	3	3
Greengrocers	8	8	8	8
Fishmongers	3	3	3	3
Fish Friers	6	6	6	6
Sweets, Tobacco etc.	12	12	12	12
Chemists	5	5	5	5
Snack Bars, Cafes and Restaurants	8	8	8	8
Licensed Premises	34	34	34	34
School Canteens	7	7	7	7
Works Canteens	2	2	2	2
Slaughterhouses	1	1	1	1

There are 18 premises registered under Section 16 of the 1955 Act for the preparation or manufacture of sausages, potted, pressed, pickled or preserved food, including 6 fish frying premises; 37 premises are registered for the storage and sale of ice cream; 109 visits to food premises were made in the year apart from 31 visits to examine food.

There were seven informal references under the Food Hygiene Regulations but no formal proceedings were necessary.

There is no ice cream made in the area by the "hot mix" method. All of it is obtained in a prepacked condition from wholesale makers in other districts.

A "Hot Dog" mobile stall operates in the town at the weekends and this is subject to periodic observation. A fresh fish hawker visits the town on Thursdays and his vehicle complies with Food Hygiene requirements.

There have been continued frequent requests for examination of foodstuffs, and the following is a statement of goods examined and disposed of in a manner to prevent human consumption. The usual method of disposal has been by burying at the refuse tip.

Food examined and found unfit for human consumption

Meat - Slaughterhouse	4 cwts.	104 lbs.
Cooked Meat Products	-	15 lbs.
Canned Meat	-	29¼ lbs.
Fish (fresh)	-	3 lbs.
Frozen foods due to cabinet breakdown	3 cwts.	27¼ lbs.
Miscellaneous items	3 cwts.	101 lbs.

TOTAL Estimated Weight - 12 cwts. 55½ lbs.

Mr. Nattrass, Chief Inspector, Weights and Measures Department, Cheshire County Council, has kindly given the following particulars of samples taken for analysis under the Food and Drugs Act during the year.

Name of Sample	Number obtained	Number adulterated or not up to the recognised standard or quality
Almonds (Ground)	2	
Baby Food (Lamb Dinner)	1	
Biscuits (Teabreak)	1	
Brandy	1	
Butter (Dairy)	1	
Cabbage (Pickled Red)	1	
Cheese Spread	2	
Chicken and Onion Spread	1	
Cinnamon (Ground)	1	
Coconut (Desiccated)	1	
Dates (Stoneless)	1	
Febs, (Cold Tablets)	1	
Ferromyn Tablets	1	
Flour (Plain)	1	
Horseradish Relish	1	
Iron Tonic Tablets	1	
Jam (Mixed Fruit)	1	
Jam (Strawberry)	1	
Lemon Honeys (Sweets)	1	
Magnesium Sulphate Paste	1	
Milk	28	
Milk (Condensed)	1	
Milk Shake Syrup	1	
Mustard	1	
Orange Drink	1	
Pork and Cheese Loaf	1	
Sponge Pudding	1	
Sugared Strand	1	
Tarrogan	1	
Vinegar (Malt)	1	
Whisky (F)	1	
TOTAL	60	-

LIQUID EGG (PASTEURISATION) REGULATIONS, 1963

There are no liquid egg pasteurisation plants in this district.

POULTRY PROCESSING PREMISES

There are no such premises in this district.

SCHOOL CANTEENS AND KITCHENS

There has been no cause for complaint in the condition and conduct of these premises. They are visited and treated where necessary for rodent control.

ADOPTIVE AND LOCAL ACTS

IN FORCE IN THE URBAN DISTRICT

	Date of adoption or when same came into force.
Infectious Diseases (Prevention Act 1890)	1st October, 1900.
Public Health Acts Amendment Act 1890:-	
Parts 1 and 111	18th July, 1894.
Part 1V	1st September, 1901.
Public Libraries Act 1892, 1893, 1901 and (Offences) Act 1898	8th August, 1887.
Private Street Works Act 1892	26th April, 1895.
Nantwich Urban District Council Act 1903	21st July, 1903.
Local Government Board's Provisional Orders (Confirmation) Number 7 Act 1905	21st August, 1905.
Local Government Board's Provisional Orders (Confirmation) Number 4 Act 1907	28th August, 1907.
Local Government Board's Provisional Orders (Confirmation) Number 9 Act 1912	7th August, 1912.
Local Government Act 1894 Section 8 s.s.1 Power of Parish Council, as to Public Offices etc.	17th October, 1923.
Local Government Act 1894 Section 13 s.s. 2 Public Footpaths	11th July, 1924.
County of Chester Review Order 1936	1st April, 1936.
Cheshire County Council Act 1953	1st April, 1954.

——ooOoo——